

### **Abstract**

A skid steer vehicle has a chassis with an engine mounted thereon and is supported by four suspensions located at the left front, the left rear, the right front and the right rear of the vehicle. The suspensions include control arms that extend laterally away from the vehicle that are connected to struts for steering the vehicle. Wheels are connected to the struts to support the vehicle. Two wheels on the left side of the vehicle are driven by a first hydraulic motor and two wheels on the right side of the vehicle are driven by a second hydraulic motor. The wheels can be steered such that the front wheels point to the left and the rear wheels point to the right, and such that the front wheels point to the right and the rear wheels point to the left.